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Practitioner's Docket No. THREEWI/P001A1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Wise, Mark; Miller, James B.

Application No.: 10/067,959

Group No.: 2171

Filed:

02/05/2002

Examiner:

Not Yet Assigned

For: Method, System and Apparatus for Creating and Accessing a Hierarchical Database in a Format Optimally Suited to Real Estate

Commissioner for Patents Washington, D.C. 20231

ATTENTION: Ms. Doshie Day

OIPE

VIA Facsimile to: 703-305-9822

PETITION TO WITHDRAW HOLDING OF ABANDONMENT

- 1. Applicant requests that the abandonment in this case be withdrawn. This information is being submitted promptly after applicant has learned of the abandonment, on the basis of the Notice of Abandonment mailed on January 26, 2004.
- 2. Submitted herewith are the following:
 - a. A copy of the Notice of Abandonment under 37 C.F.R. 1.53(f) or (g);
 - b. A copy of the page of the response mailed on March 26, 2002, showing a Certificate of Mailing executed on March 26, 2002;
 - c. A copy of the post card identifying the papers filed and showing the U.S.P.T.O. receipt stamp dated April 2, 2002; and
 - d. A copy of the complete response previously filed.

(P0)41	174-11	

CERTIFICATION UNDER 37 C.F.R. § 1.8(a)

I hereby certify that, on the date shown below, this correspondence is being

X transmitted via facsimile to: (703) 305-9822 or.

deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents,

Washington D.C. 20231 with sufficient postage as first class mail.

Signature

Date: January 28, 2004

William P. Smith

(type or print name of person certifying)

Petition to Withdraw Holding of Abandonment – Page 1 of 2

- 3. Applicant points out that the original response, while timely filed, erroneously indicated the Application Serial No. as 10/068,959, instead of the correct number, 10/067,959, which most likely explains why the papers were not placed in the file. The remaining identifying indicia for the application were correctly indicated, e.g., the inventor, filing date, title and Group Art Unit.
- 4. Kindly proceed with examination of this application on the basis of the original papers that were filed, or, the attached copy of the papers originally filed.
- 5. Acknowledgement of the active status of this application is respectfully requested.
- 6. Charge any fees required by this paper or credit any overpayment to Deposit Account No. 500287.

Date: 28- January - 2004

William P. Smith

Registration No. 34,931

DKW Law Group, PC

58th Floor, USX Tower

600 Grant Street

Pittsburgh, PA 15219

412-355-2600

Customer No. 29914

Page 1 of 1



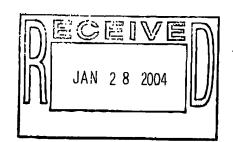
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UNITED STATES DEPARTMENT OF COMMERCE United Status, Patent and Trademark Office Address COMMISSIONER FOR PATENTS Advandria, August 22313-1450

APPLICATION NUMBER FILING OR 371(C) DATE FIRST NAMED APPLICANT ATTY DOCKET NO./TITLE 10/067,959 02/05/2002 Mark Wise

THREEWI/POOLAL

29914 DKW LAW GROUP, P.C. 58TH FLOOR - USX TOWER 600 GRANT STREET PITTSBURGH, PA 15219



CONFIRMATION NO. 7927 ABANDONMENT/TERMINATION **LETTER** *OC000000011765085*

Date Mailed: 01/26/2004

NOTICE OF ABANDONMENT UNDER 37 CFR 1.53 (f) OR (g)

The above-identified application is abandoned for failure to timely or properly reply to the Notice to File Missing Parts (Notice) mailed on 03/06/2002.

No reply was received.

A petition to the Commissioner under 37 CFR 1.137 may be filed requesting that the application be revived.

Under 37 CFR 1.137(a), a petition requesting the application be revived on the grounds of UNAVOIDABLE DELAY must be filed promptly after the applicant becomes aware of the abandonment and such petition must be accompanied by: (1) an adequate showing of the cause of unavoidable delay; (2) the required reply to the aboveidentified Notice; (3) the petition fee set forth in 37 CFR 1.17(I); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Under 37 CFR 1.137(b), a petition requesting the application be revived on the grounds of UNINTENTIONAL DELAY must be filed promptly after applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the aboveidentified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Any questions concerning petitions to revive should be directed to the "Office of Petitions" at (703) 305-9282. Petitions should be mailed to: Mail Stop Petitions, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

FOR:

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

SERIAL NO.: 10/068,959 FILED: February 5, 2002

APPLICATION ENTITLED "METHOD , SYSTEM AND APPARATUS FOR CREATING AND ACCESSING A HIERARCHICAL DATABASE IN A FORMAT OPTIMALLY SUITED TO REAL ESTATE"

APPLICANT: Threewide.com, Inc. ATTY'S FILE NO.: THREWI/P001A1

TRANSMITTAL TYPE: RESPONSE TO FILE CORRECTED APPLICATION PAPERS

TRANSMITTAL DATED: March 26, 2002

TRANSMITTED BY: U.S. Post Office "First Class Mail Post"

[The stamp of the U.S. Patent and Trademark Office herein will be taken as acknowledging the receipt on the date stamped of the following:]

1. Response to Notice to File Corrected Application Papers (2 pages in triplicate); and

2. Thirty (30) sheets of drawings.

APR 0 4 2002

Practitioner's Docket No. THREEWI/P001A1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Wise, Mark; Miller, James B.

Application No.: 10/068,959

Group No.: 2171

Filed:

02/05/2002

Examiner: Not Yet Assigned

For: Method, System and Apparatus for Creating and Accessing a Hierarchical Database in a

Format Optimally Suited to Real Estate

Commissioner for Patents Washington, D.C. 20231

ATTENTION: Application Division

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

I. This replies to the NOTICE TO FILE CORRECTED APPLICATION PAPERS mailed March 6, 2002.

A copy of the NOTICE TO FILE CORRECTED APPLICATION PAPERS is enclosed.

COMPLETION OF FORMALITIES

II. To complete the formalities noted on the NOTICE TO FILE CORRECTED APPLICATION PAPERS, applicants submit herewith:

An entire set of drawings including substitute drawing Figures 3A and 3B, complying with 37 CFR § 1.84(u)(1). These figures are labeled "Figure" with consecutive Arabic numerals with capital letters in the English alphabet.

Since the notice did not specify which of the figures was not labeled in accordance with 37 CFR §1.84, applicants have taken the liberty of including an entire set so as to avoid confusion. The original set of figures was filed in sequence, with the unnumbered figure (new Figure 3A) placed between Figure 2F and Figure 3B. Also, because Figure 3B, while numbered, may have been mistaken for a part of the drawing, the Figure 3B designation has been amended to more clearly identify the figure. No new matter has been added to the drawings.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a)

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in	an ch	velope
addressed to the Assistant Commissioner for Patents, Washington D.C. 20231 with sufficient postage as first class mail	_	

Date: March 26, 2002

William P. Smith

(type or print name of person certifying)

Response to Notice of Informal Application-page 1 of 2

{P0086939:1}

Practitioner's Docket No. THREEWI/P001A1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Wise, Mark; Miller, James B.

Application No.: 10/068,959

Group No.: 2171

Filed:

02/05/2002

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Examiner: Not Yet Assigned

For: Method, System and Apparatus for Creating and Accessing a Hierarchical Database in a

Format Optimally Suited to Real Estate

Commissioner for Patents Washington, D.C. 20231

ATTENTION: Application Division

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CERTIFICAT)	ON UNDER 37	C.F.R. §§ 1.8(a)

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington D.C. 20231 with sufficient postage as first class majing

Date: March 26, 2002

Signature

William P. Smith

(type or print name of person certifying)

EXTENSION OF TIME

III. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

FEE PAYMENT

IV. Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 500287.

A duplicate of this paper is attached.

Date: March 26, 2002

William P. Smith Registration No. 34,931 DKW Law Group, PC 58th Floor, USX Tower 600 Grant Street Pittsburgh, PA 15219 412-355-2600 Customer No. 29914



United States Patent and Trademark Office

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 2023

www.uspic.gov

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/067,959

02/05/2002

Mark Wise

THREEWI/POOLAL

CONFIRMATION NO. 7927

29914 DKW LAW GROUP, P.C. 58TH FLOOR - USX TOWER 600 GRANT STREET PITTSBURGH, PA 15219 Date Mailed: 03/06/2002

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - more than one figure is present and each figure is not labeled "Fig." with a consecutive Arabic numeral (1, 2, etc.) or an Arabic numeral and capital letter in the English alphabet (A, B, etc.)(see 37 CFR 1.84(u)(1));

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

Wise, et.al.

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Attorney Docket No. THREWI/P001A1

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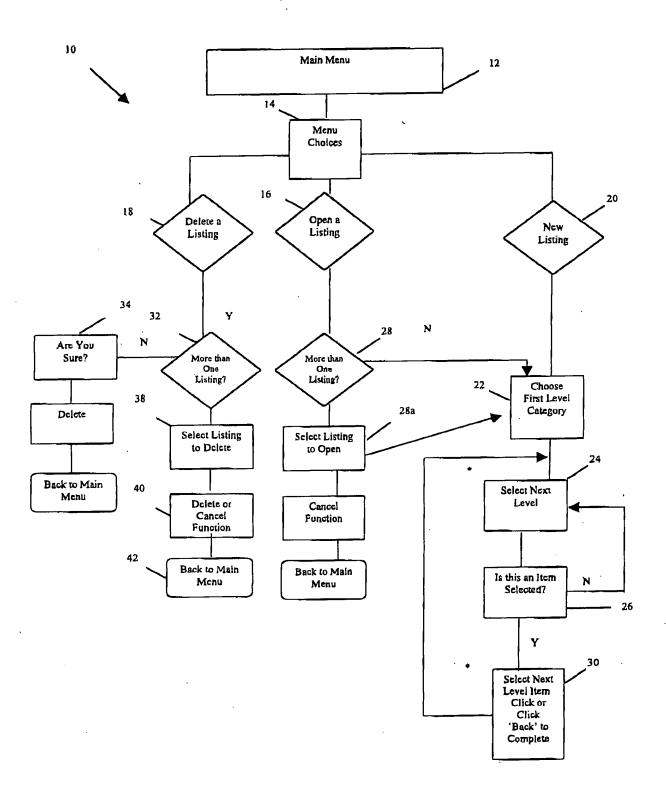
FIG. 1A (PRIOR ART)

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FIG. 1B (PRIOR ART)

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^{*}User's can find items from the list and return to the main menu via link in upper corner

FIG. 2

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thod, System and Apparatus . . . Real Estate'
Attorney Docket No. THREWI/P001A1

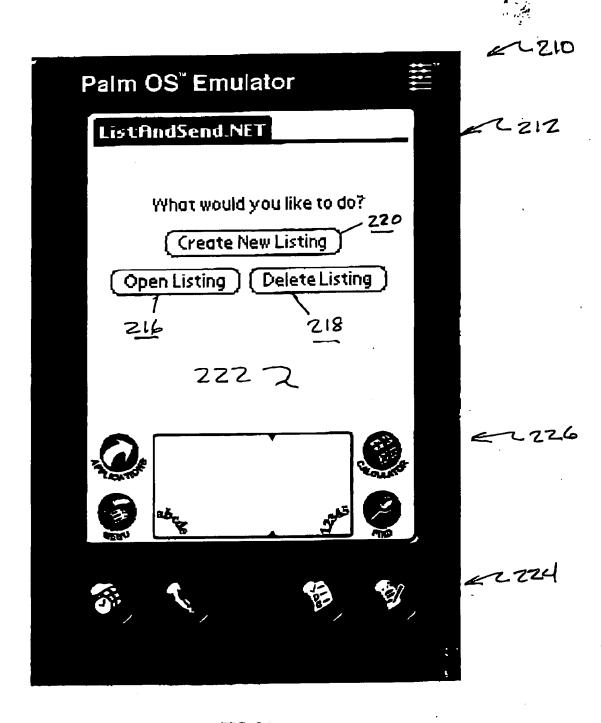
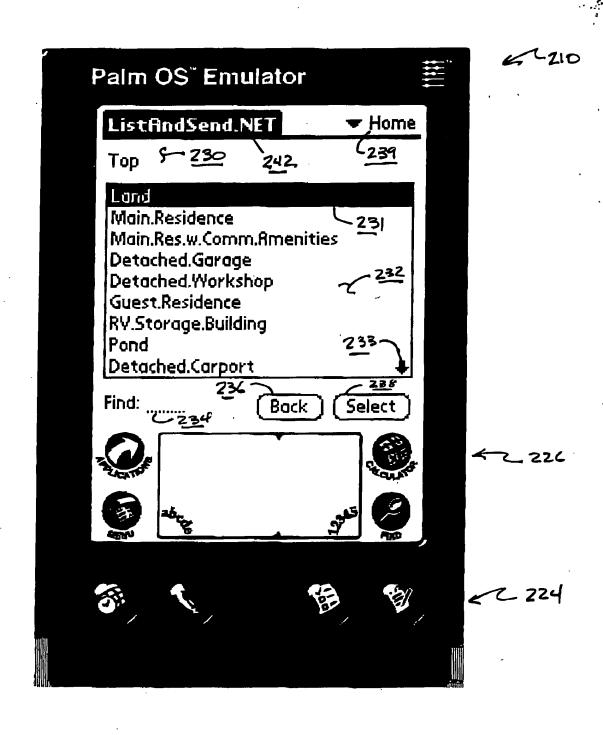


FIG. 2A

Method, System and Apparatus ... Real Esta Attorney Docket No. THREWI/P001A1



) Wise, et.al.

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Attorney Docket No. THREWI/P001A1

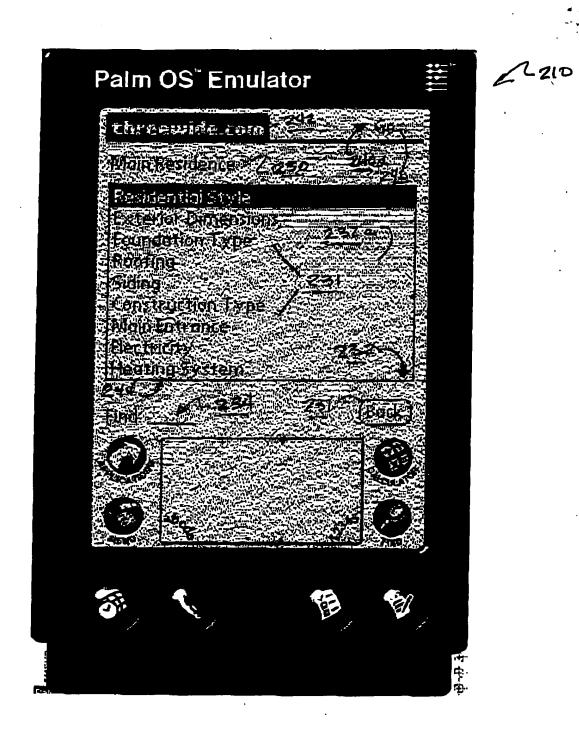


FIG. 2C

Wise, et.al.

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Attorney Docket No. THREWI/P001A1

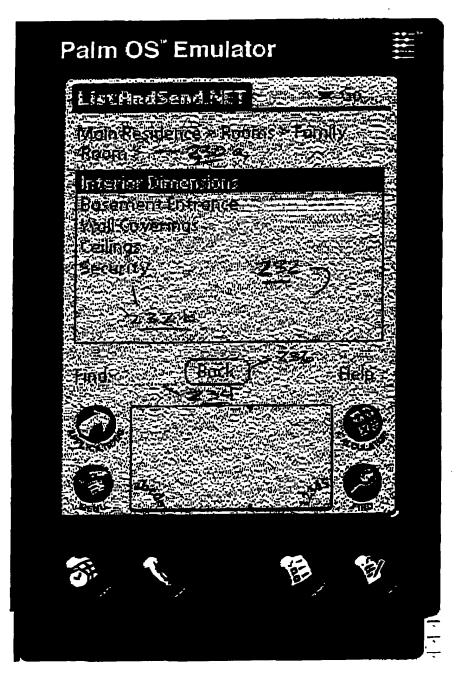


FIG. 2D

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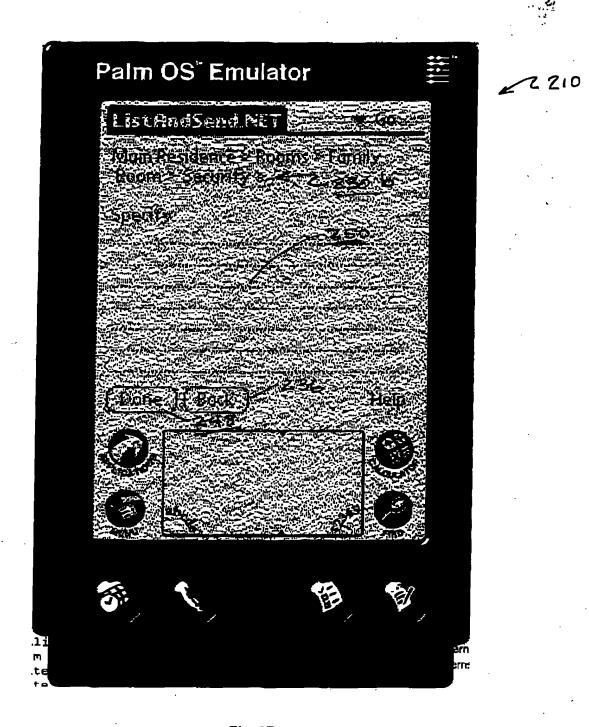


Fig. 2E

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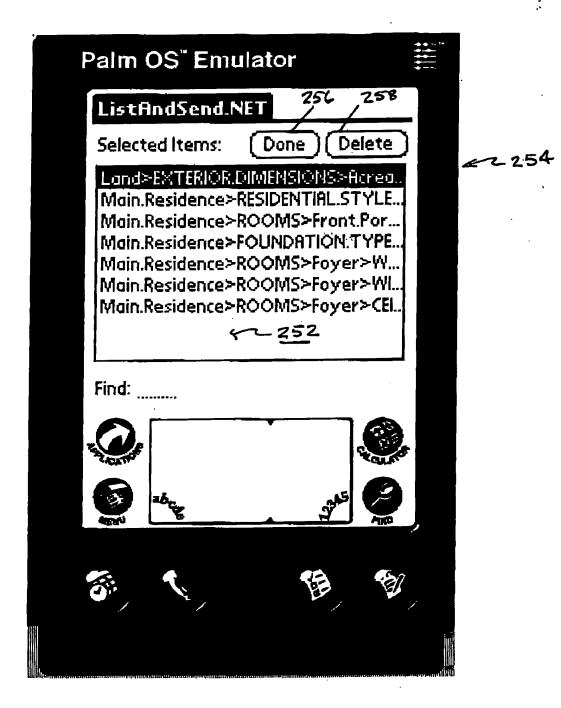


FIG. 2F

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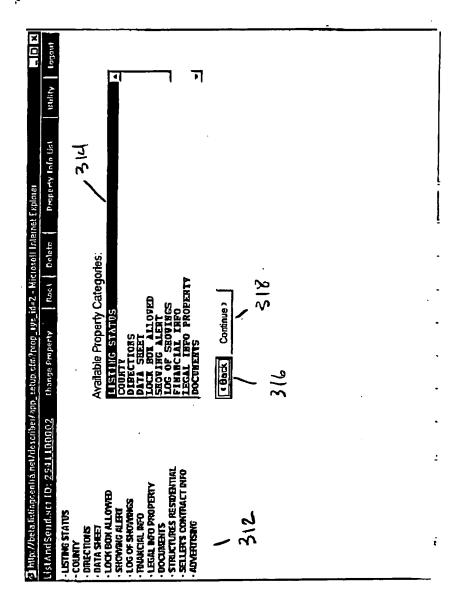


FIGURE 3A

) Wise, et.al.

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Attorney Docket No. THREWI/P001A1

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FIGURE 3B

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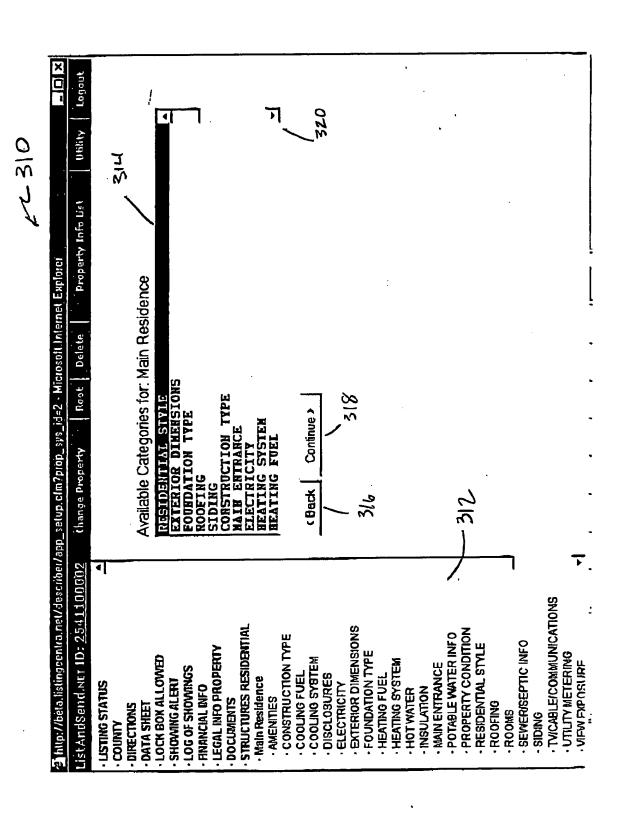


FIGURE 3C

Wise, et.al.
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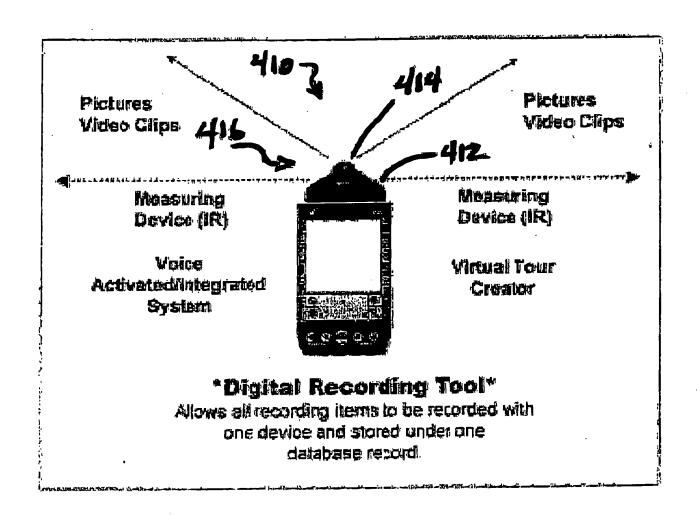


Figure 4

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FIG. 5A

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d, System and Apparatus . . . Real Estate"
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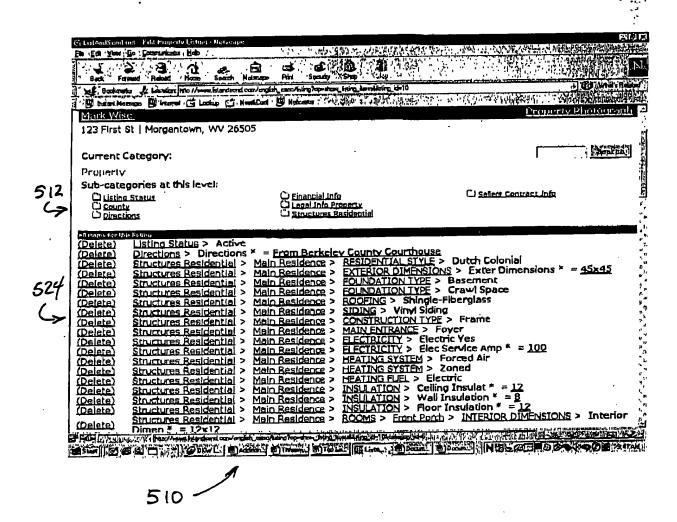


FIG. 5B

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.od, System and Apparatus . . . Real Estate'
Attorney Docket No. THREWI/P001A1

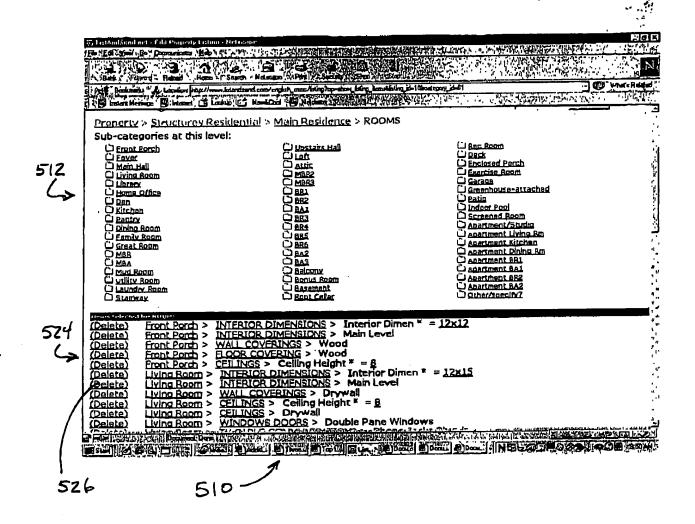


FIG. 5C

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Attorney Docket No. THREWI/P001A1

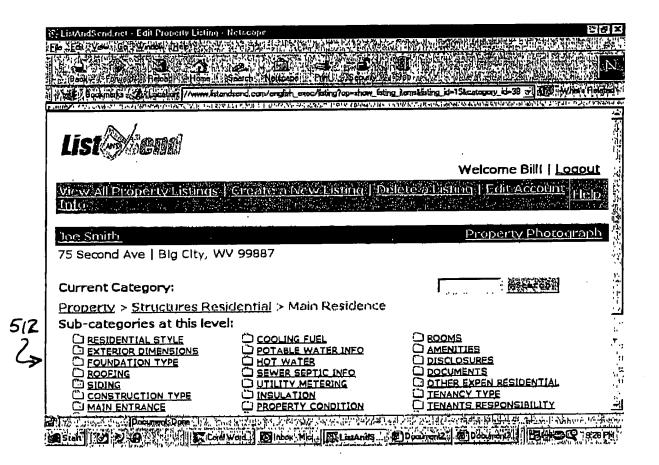


FIG. 5D

Wise, et.al.
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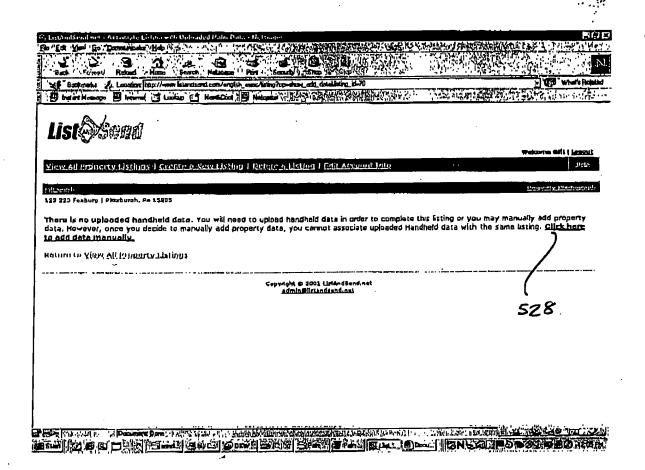


FIG. 5E

Wise, et.al.

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Attorney Docket No. THREWI/P001A1

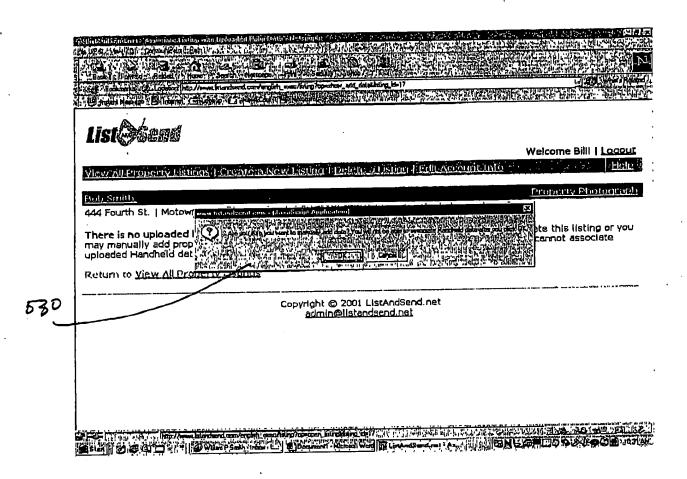


FIG. 5F

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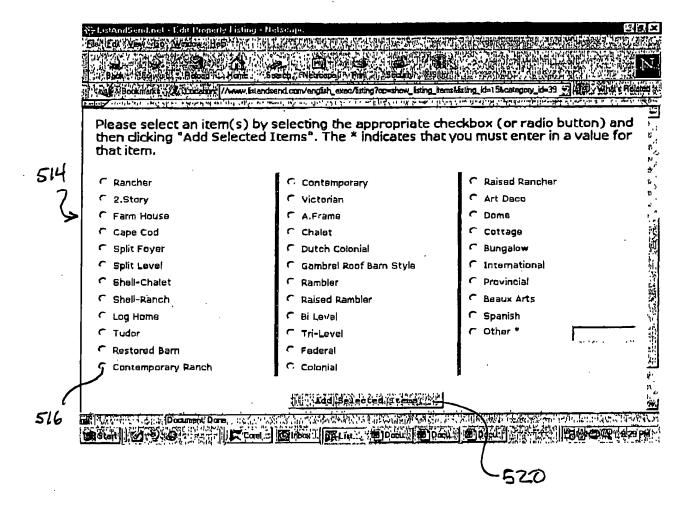


FIG. 5G

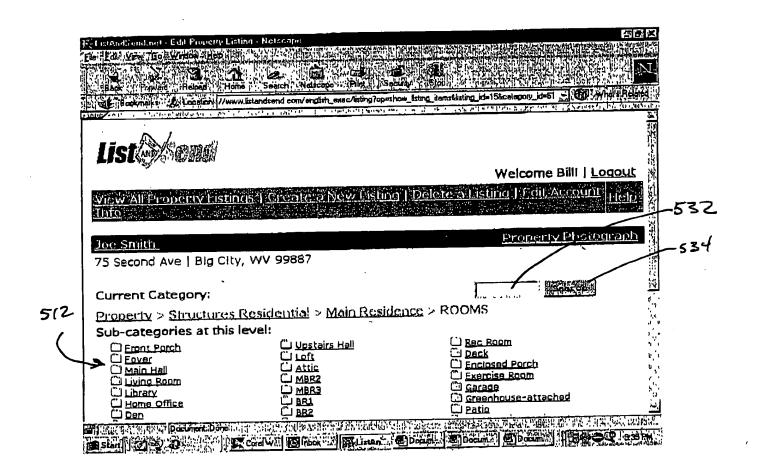


FIG. 5H

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Wise, et.al.

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FIG. 51

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Fi Oven - Double	T Freezer	C Dryer
∏ Rango hòòd	F Extra Raingerator/Freezer	☐ Humidifier
□ Coaktop	T Dishwasher	□ Intercom
	C. Disposal	ি Other
「) Stova	F	į.
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	Mater dispenser	

FIG. 5J

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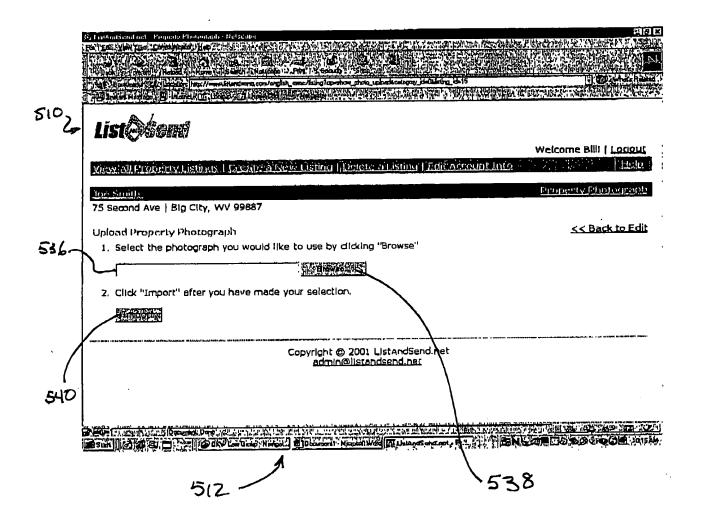


FIG. 5K

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FIG. 5L

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Figure 6
Hierarchical organization and addressing of data

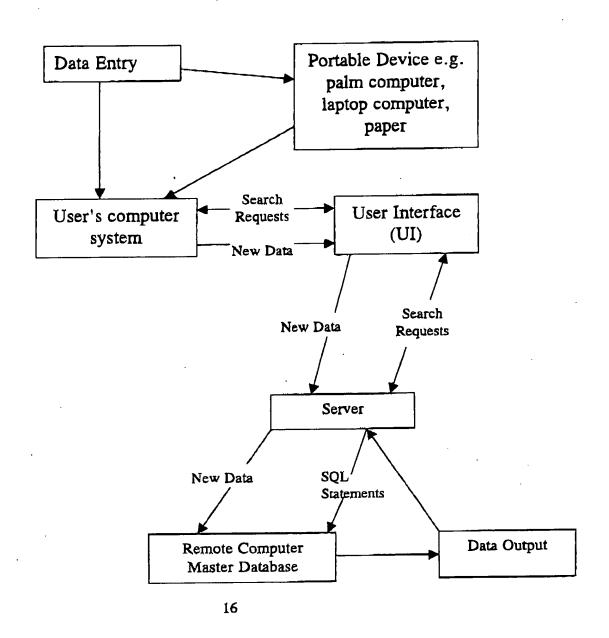
	Address	Concept	Hierarchy
	1.0	Barn	
	2.0	Shed	House
12	3.0	House	1042
	3.1	Porch	
	3.2	Room	House > Room
	3.3	Foundation	110000-110010
12a-	3.2.1———	Kitchen	House > Room > Kitchen
	3.2.2	Master Bedroom	
	3.2.3	Living Room	
12b-	3.2.1.1	Dimensions	House > Room > Kitchen > Appliances
	3.2.1.2	Appliances	••
12c-	3.2.1.2.1	Range-top	House > Room > Kitchen > Appliances >
	3.2.1.2.2	Refrigerator	Range
	3.2.1.2.1.1	Range - Gas40	House > Room > Kitchen > Appliances > Range

The above example shows one possibility for numerical addressing. Other possible means of addressing include any sequence of characters that have logical order. Some examples are:

2.4.5.7.1 24571 BKJRT 1, A, 5, T, 3 Wise, et.al.

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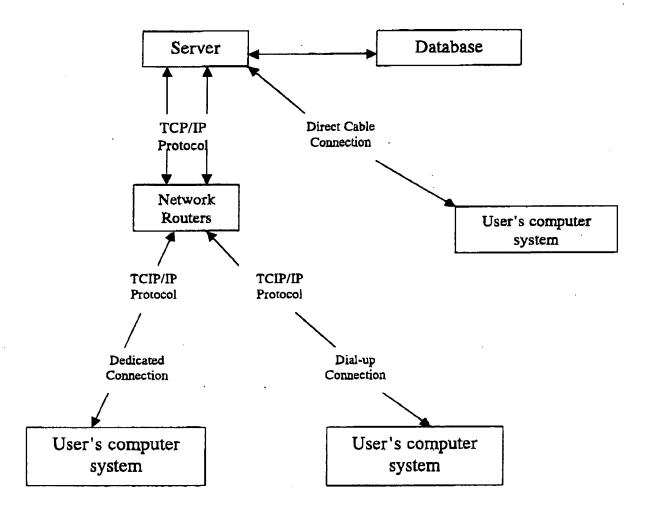
Figure 7
Possible organization of computer system using remote server



Note: for systems with local storage of the Database, the User Interface would interact directly with the database and the Server would not exist.

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Figure 8
Possible organizations of ASP (Application Service Provider) systems



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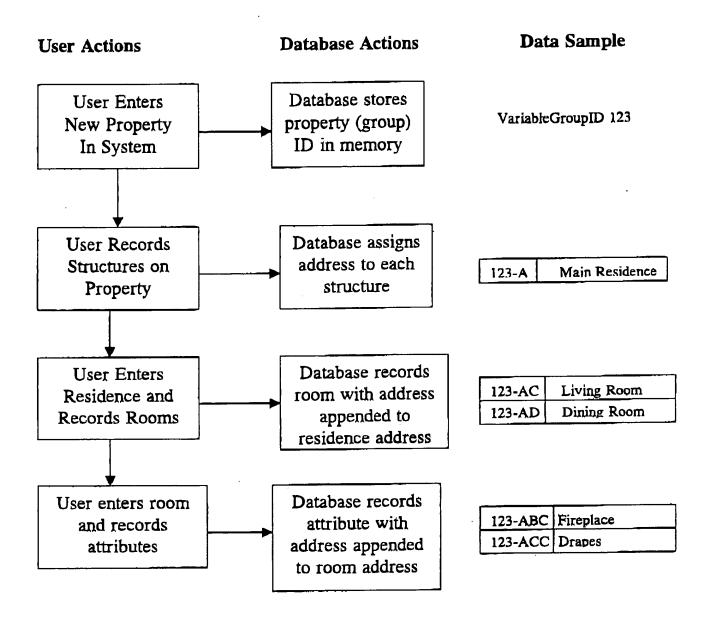
Figure 9
Search methods possible with hierarchical addressing

<u>D</u>	ata Sample	<u>Search</u> <u>Request</u>	Methodology
11 1112 1113 111312	Main Residence Kitchen Living Room Fireplace	Find the number of rooms in residenc.	Read address field to count occurrences of four digit address beginning with "11"
A11 A1112 A1113 B11 B1112 B12 B1211 B13	Main Residence Kitchen Living Room Main Residence Kitchen Detached Garage Workshop Gazebo	Find the number of properties with detached garage.	Group data by property ID (1st character of address), count occurrences of "12" in second two digits of address
268.ACI 268.AB	Living Room G Oven Gas Refrigerator	Find the type of oven in property 268.	Search for address "268.ACG", read contents of feature field

Address

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Figure 10
Assignation of addresses and record group (property) ID
Using example of realty industry



This figure uses alphabetical addressing. Numerical addressing or a combination of alphabetical and numerical can also be used. The group ID may also be stored in a field separate from the address. See Figure 5 for samples of numerical addressing with separate group ID.



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